

Serial No. 10/784,409  
10751/CAR017345

**IN THE CLAIMS:**

1. (Currently Amended) A refrigerant system operating as a heat pump comprising:

a compressor connected to first and second heat exchangers; and

an expansion device connected between said first and second heat exchangers, said expansion device including a flow resistance device arranged between first and second fluid passages, said fluid flowing along an wall provided by said passages, and said flow resistance device spaced from said wall and arranged in fixed relationship thereto, said flow resistance device providing a first fluid resistance with said fluid flowing in a first direction and a second fluid resistance greater than said first resistance with said fluid flowing in a second opposite direction wherein said flow resistance device is suspended from said wall by a pin.

2. (Original) The heat pump according to claim 1, comprising a four way reversing valve movable between heating and cooling positions respectively providing fluid flow in said first and second directions.

3. (Previously Presented) The heat pump according to claim 1, wherein said flow resistance device includes a body having a first side having a first geometry and a second side having a second geometry different than said first geometry.

4. (Withdrawn) The heat pump according to claim 3, wherein said second side included a barbed-like face.

5. (Withdrawn) The heat pump according to claim 3, wherein said second side is an open face hemisphere.

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6. (Previously Presented) A refrigerant system operating as a heat pump comprising:

a compressor connected to first and second heat exchangers; and

an expansion device connected between said first and second heat exchangers said expansion device including a flow resistance device arranged between first and second fluid passages and in fixed relationship thereto, said flow resistance device providing a first fluid resistance with said fluid flowing in a first direction and a second fluid resistance greater than said first resistance with said fluid flowing in a second opposite direction, wherein said flow resistance device is a C-shaped channel with said second side provided by an open face.

7. (Withdrawn) The heat pump according to claim 1, wherein said flow resistance device is a bypass angled fluid passage.

8.-9. (Cancelled)